GAI-TRONICS®
A Hubbell Company

Stanchion Broadcast Module

234SBM

Features

- **Installs on Top of a Model 234 Stanchion to Provide an Easy and Cost-effective Public Address Upgrade of Existing Equipment**
- **360° Coverage at 110 dB SPL @ 1 meter (4-speaker installation)**
- **Cost-Saving Variable Speaker Configurations (1, 2, 3, or 4) to Meet Minimum Coverage Requirements**
- **18" H, 3/16 gauge Cold Rolled Steel with Architectural Bronze Powder Epoxy Finish**
- **Broadcast Audio Access via 600 Ohm or Radio (VHF or UHF) input**
- **Addressable via DTMF (Telephone or RF application) or 2-Tone (RF application)**
- **Remote Volume Control via DTMF**
- **Programmable Output Control for Strobe Activation During Alarm**
- **Back-Up Battery Included (2.8 Ah) for 1 Hour Back-Up at Full Output (built-in trickle charge circuit)**
- **Custom Colors and Graphics Available**
- **PC Programmable**

Applications Mass Notification for:

- College / School Campuses
- Communities (Public Safety)
- Transit Platforms
- Amusement Parks
- Parking Areas
- Any application requiring both two-way communications and one-way public address

The **234SBM Stanchion Broadcast Module** easily and cost-effectively converts a standard Model 234 Stanchion Assembly into a dual-purpose Communication and Broadcast unit, capable of providing high-quality, extremely intelligible voice and tone Public Address. Each assembly is addressable via DTMF or 2-Tone signaling and is capable of being programmed for up to eight (8) addresses, allowing easy zoning of the Public Address system. An integral part of GAI-Tronics' Campus Public Address system, the 234SBM is extremely versatile in that it can be accessed from an existing telephone network, radio system, or both. The integral loud-speakers are provided separately, permitting installation of only the required number of speakers to meet coverage requirements.

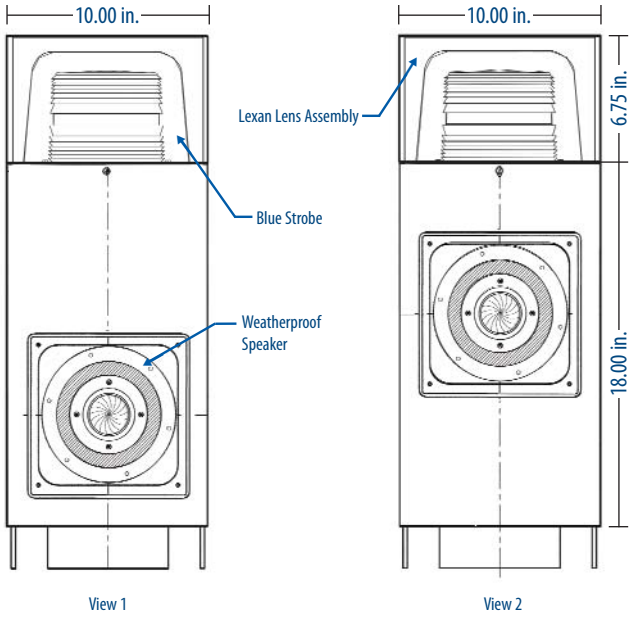
The amplification electronics are installed neatly on a replacement access panel at the base of the unit, permitting ready access to the active components of the system and interconnecting wiring. Only the speakers are housed in the module. The broadcast functionality operates completely separate from the two-way device installed in the stanchion.

The rugged, submersible, speakers will take anything Mother Nature can throw at them and provide a powerful 110 dB SPL output, measured at 1 meter on axis.

STANCHION BROADCAST MODULE | 234SBM

Specifications

Finish ..... Powder Coat Architectural Bronze
Dimensions ..... 10" W x 10" D x 18" H
Materials ..... 3/16" Cold-rolled Steel
Shipping Weight (84507-201 Stanchion Body) ..... Approx. 42 lbs.
Power Requirements:
- Electronic Paging Module ..... 120/230 V ac, 50/60 Hz
Humidity ..... 95% non-condensing
Temperature Range ..... -4°F to +140°F (-20°C to +60°C)
Amplifier Output Power ..... 4mW to 8W
Speaker Output ..... 110 dB SPL at 1 meter on axis (at 8W)



Accessories / Programming / System Components

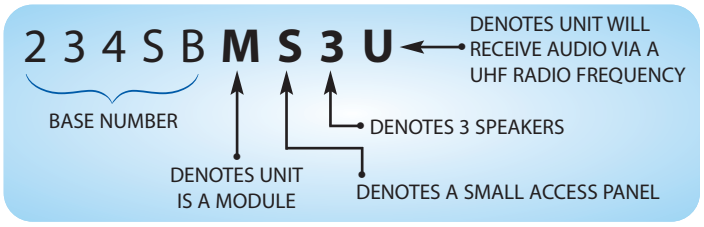
ACC2500 ..... Audio Control Center
10959-903 ..... Audio Messenger Interface
XAC0004A ..... Programming Cable
XAC4000A ..... Programming Bundle
234SBA ..... Stanchion Broadcast Assembly
13353 ..... Addressable Amplified Speaker, 600 Ohm
13363/13373 ... Addressable Amplified Speaker, VHF/UFH

Ordering Information

The Stanchion Broadcast Assembly part number builds systematically as it is entered into our system. The base model number always begins as a 6-digit number, **SBM234**. The remaining digits are based on the following codes:

Stanchion Body Type ..... **M** (module)
Access Panel Size ..... **S** (10" H)
L (18" H)
Number of Required Speakers ..... **1**, **2**, **3**, or **4**
Input Audio Signal Source ..... **T** (600 Ohm)
V (VHF, 154-147 MHz)
U (UHF, 450-470 MHz)

Example part number for a stanchion module with three (3) speakers and an UHF audio source:



Each Model 234SBM Stanchion Broadcast Module is shipped in kit form for field installation. Components included with each complete stanchion module are as listed below.

- (1) No. **84507-201** Stanchion Body
- (1) No. **10458-10X** Electronics Paging Module (-10**1** for 600 Ohm, -10**2** for VHF, -10**3** for UHF)
- (1 to 4) No. **12538-201** Speaker Kits
- No. **12538-201** Speaker Vacancy Kit (automatically included for each missing speaker kit)
- (1) No. **40201-010** Back-up Battery, 2.8 Ah
- (1) No. **12510-003** Access Panel, 18" H **or** No. **12510-002** Access Panel, 10" H (customer must specify)
- No. **12234-100** Antenna/Lens Kit (RF application only)

Notes:

1. **The No. 84507-201 stanchion body is drop-shipped from the Manufacturer. All other Components are shipped directly from GAI-Tronics' factory.**
2. **The 234SBM installation is intended to reuse the existing stanchion's strobe and clear lens.**
3. **If an RF audio input is used, an existing model 530FB strobe should be replaced with the 530-001 strobe to avoid possibility of RF interference.**

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Quality Management System Certified by DNV - ISO 9001:2008
The policy of GAI-Tronics is one of continuous improvement; therefore the company reserves the right to change specifications without notice.